

Author Index Volume 123

- Achauer, U., see Nicolas, A. 123 (1994) 281
 Adams, M.G., see Willard, R.A. 123 (1994) 61
 Anderson, D.L., The sublithospheric mantle as the source of continental flood basalts; the case against the continental lithosphere and plume head reservoirs 123 (1994) 269
 Bird, R.T. and R.A. Pockalny, Late Cretaceous and Cenozoic seafloor and oceanic basement roughness: Spreading rate, crustal age and sediment thickness correlations 123 (1994) 239
 Bosch, D., J. Lancelot and J. Boulegue, Sr, Nd and Pb isotope constraints on the formation of the metalliferous sediments in the Nereus Deep, Red Sea 123 (1994) 299
 Boulegue, J., see Bosch, D. 123 (1994) 299
 Butterfield, D.A., see You, C.-F. 123 (1994) 227
 Campbell, A.J., see You, C.-F. 123 (1994) 227
 Canil, D., H.St.C. O'Neill, D.G. Pearson, R.L. Rudnick, W.F. McDonough and D.A. Carswell, Ferric iron in peridotites and mantle oxidation states 123 (1994) 205
 Carlson, R.W., see Castillo, P.R. 123 (1994) 139
 Carswell, D.A., see Canil, D. 123 (1994) 205
 Castillo, P.R., M.S. Pringle and R.W. Carlson, East Mariana Basin tholeiites: Cretaceous intraplate basalts or rift basalts related to the Ontong Java plume? 123 (1994) 139
 Charles, C.D., see Naqvi, W.A. 123 (1994) 337
 Clocchiatti, R., see Schiano, P. 123 (1994) 167
 Cojan, I., see Moreau, M.-G. 123 (1994) 15
 Craig, H. and Y. Horibe, ³He and methane in Sakurajima Caldera, Kagoshima Bay, Japan 123 (1994) 221
 Daignieres, M., see Nicolas, A. 123 (1994) 281
 Evensen, N.M., see Hu, Q. 123 (1994) 331
 Fairbanks, R.G., see Naqvi, W.A. 123 (1994) 337
 Fisher, D.E., Mantle and atmospheric-like argon in vesicles of MORB glasses 123 (1994) 199
 Fitton, J.G., see Lee, D.-C. 123 (1994) 119
 Gallagher, K. and C. Hawkesworth, Mantle plumes, continental magmatism and asymmetry in the South Atlantic 123 (1994) 105
 Gamo, T., see You, C.-F. 123 (1994) 227
 Gieskes, J.M., see You, C.-F. 123 (1994) 227
 Grove, M., see Harrison, T.M. 123 (1994) 95
 Halliday, A.N., see Lee, D.-C. 123 (1994) 119
 Harrison, T.M., M.T. Heizler, O.M. Lovera, C. Wenji and M. Grove, A chlorine disinfectant for excess argon released from K-feldspar during step heating 123 (1994) 95
 Hawkesworth, C., see Gallagher, K. 123 (1994) 105
 Heizler, M.T., see Harrison, T.M. 123 (1994) 95
 Hodges, K.V., see Ruppel, C. 123 (1994) 49
 Horibe, Y., see Craig, H. 123 (1994) 221

- Hu, Q., P.E. Smith, N.M. Evensen and D. York, Lasing in the Holocene: extending the ^{40}Ar – ^{39}Ar laser probe method into the ^{14}C age range 123 (1994) 331
- Javoy, M., see Pineau, F. 123 (1994) 179
- Kennedy, A.K., see van der Laan, S. 123 (1994) 155
- Kronfeld, J., J.C. Vogel and A.S. Talma, A new explanation for extreme $^{234}\text{U}/^{238}\text{U}$ disequilibria in a dolomitic aquifer 123 (1994) 81
- Lancelot, J., see Bosch, D. 123 (1994) 299
- Lee, D.-C., A.N. Halliday, J.G. Fitton and G. Poli, Isotopic variations with distance and time in the volcanic islands of the Cameroon line: evidence for a mantle plume origin 123 (1994) 119
- Lee, J.T., see Li, B. 123 (1994) 71
- Li, B., J.T. Lee and O.K. Manuel, Anomalous ^{131}Xe in barites 123 (1994) 71
- Livermore, R., D. McAdoo and K. Marks, Scotia Sea tectonics from high-resolution satellite gravity 123 (1994) 255
- Lovera, O.M., see Harrison, T.M. 123 (1994) 95
- Manuel, O.K., see Li, B. 123 (1994) 71
- Marks, K., see Livermore, R. 123 (1994) 255
- Mattielli, N., see Schiano, P. 123 (1994) 167
- McAdoo, D., see Livermore, R. 123 (1994) 255
- McDonough, W.F., see Canil, D. 123 (1994) 205
- Meert, J.G. and R. van der Voo, The Neoproterozoic (1000–540 Ma) glacial intervals: No more snowball earth? 123 (1994) 1
- Moreau, M.-G., I. Cojan and J. Ory, Mechanisms of remanent magnetization acquisition in marl and limestone alternations. Case study: Upper Cretaceous (Chron 31–30), Sopelana, Basque Country 123 (1994) 15
- Naqvi, W.A., C.D. Charles and R.G. Fairbanks, Carbon and oxygen isotopic records of benthic foraminifera from the Northeast Indian Ocean: implications on glacial–interglacial atmospheric CO_2 changes. *Earth Planet. Sci. Lett.* 121, 99–110, 1994 123 (1994) 337
- Nicolas, A., U. Achauer and M. Daignieres, Rift initiation by lithospheric rupture 123 (1994) 281
- O'Neill, H.St.C., see Canil, D. 123 (1994) 205
- Ory, J., see Moreau, M.-G. 123 (1994) 15
- Pearson, D.G., see Canil, D. 123 (1994) 205
- Pedersen, T. and P. van der Beek, Extension and magmatism in the Oslo rift, southeast Norway: No sign of a mantle plume 123 (1994) 317
- Pineau, F. and M. Javoy, Strong degassing at ridge crests: The behaviour of dissolved carbon and water in basalt glasses at 14°N , Mid-Atlantic Ridge 123 (1994) 179
- Pockalny, R.A., see Bird, R.T. 123 (1994) 239
- Poli, G., see Lee, D.-C. 123 (1994) 119
- Pringle, M.S., see Castillo, P.R. 123 (1994) 139
- Rudnick, R.L., see Canil, D. 123 (1994) 205
- Ruppel, C. and K.V. Hodges, Role of horizontal thermal conduction and finite time thrust emplacement in simulation of pressure–temperature–time paths 123 (1994) 49
- Schiano, P., R. Clocchiatti, N. Shimizu, D. Weis and N. Mattielli, Cogenetic silica-rich and carbonate-rich melts trapped in mantle minerals in Kerguelen ultramafic xenoliths: Implications for metasomatism in the oceanic upper mantle 123 (1994) 167
- Shimizu, N., see Schiano, P. 123 (1994) 167
- Smith, P.E., see Hu, Q. 123 (1994) 331
- Spivack, A.J., see You, C.-F. 123 (1994) 227
- Talma, A.S., see Kronfeld, J. 123 (1994) 81
- Tarduno, J.A., Temporal trends of magnetic dissolution in the pelagic realm: Gauging paleoproductivity? 123 (1994) 39
- Van der Beek, P., see Pedersen, T. 123 (1994) 317

- Van der Laan, S., Y. Zhang, A.K. Kennedy and P.J. Wyllie, Comparison of element and isotope diffusion of K and Ca in multicomponent silicate melts 123 (1994) 155
- Van der Voo, R., see Meert, J.G. 123 (1994) 1
- Vogel, J.C., see Kronfeld, J. 123 (1994) 81
- Weis, D., see Schiano, P. 123 (1994) 167
- Wenji, C., see Harrison, T.M. 123 (1994) 95
- Willard, R.A. and M.G. Adams, Newly discovered eclogite in the southern Appalachian orogen, northwestern North Carolina 123 (1994) 61
- Wyllie, P.J., see van der Laan, S. 123 (1994) 155
- York, D., see Hu, Q. 123 (1994) 331
- You, C.-F., D.A. Butterfield, A.J. Spivack, J.M. Gieskes, T. Gamo and A.J. Campbell, Boron and halide systematics in submarine hydrothermal systems: Effects of phase separation and sedimentary contributions 123 (1994) 227
- Zhang, Y., see van der Laan, S. 123 (1994) 155

